

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A method for driving a liquid crystal display apparatus comprising the steps of:

 scanning successively a plurality of scan lines in a first field of a frame for display;

 simultaneously resetting the scan lines in the first field after the scan lines are successively scanned in the first field;

 scanning successively the scan lines in a second field of the frame for display in an order reverse to that in the first field; and

 simultaneously resetting the scan lines in the second field after the scan lines are successively scanned in the second field.

2. (Original) The method for driving the liquid crystal display apparatus as defined in Claim 1, wherein the first and second fields constitute one frame in interlace drive.

3. (Original) The method for driving the liquid crystal display apparatus as defined in Claim 2 wherein two write periods are provided for each scan line.

4. (Original) The method for driving the liquid crystal display apparatus as defined in Claim 3 wherein two reset periods are provided for each scan line.

5. (Original) The method for driving the liquid crystal display apparatus as defined in Claim 3 wherein in each frame a single reset period is provided for each scan line, and a data signal voltage used in a first writing operation after the reset has an absolute value smaller than that of a data signal voltage used in a second writing operation.

6. (Original) A method for driving a field-sequential liquid crystal display apparatus wherein data corresponding to three colors are successively displayed, and the drive for each color is performed by the method of Claim 5.

7. (Original) A method for driving a field-sequential liquid crystal display apparatus in which data corresponding to three colors are successively displayed, and the drive for each color is performed by the method of Claim 1.

8. (Original) A liquid crystal display apparatus characterized by comprising liquid crystal driven by the method according to any one of claims 1-5.

9. (Original) A liquid crystal display apparatus comprising liquid crystal driven by the method according to Claim 6 or 7.

10. (Currently Amended) A method for driving a liquid crystal display element forming a scan line in a frame composed of a first field and a second field, the method comprising the steps of:

writing data a plurality of times in the scan line in the first field by use of a ~~predetermined~~ data signal having a period corresponding to the frame, wherein the data signal has a first signal voltage during the first field; and

writing data a plurality of times in the scan line in the second field by use of ~~[[a]]~~ the data signal having the period corresponding to the frame, wherein the data signal has a second signal voltage having during the second field and a polarity which of the first signal voltage is opposite to a polarity of the ~~predetermined~~ second signal voltage.

11. (Currently Amended) A method for driving a liquid crystal display element forming a scan line, the method comprising writing data a plurality of times in a frame by ~~use of~~ applying to a data line of the liquid crystal display element a signal voltage having a polarity which becomes alternately positive and negative a plurality of times during the frame at a predetermined frequency, wherein the data is written each time the polarity of the signal voltage is positive and each time the polarity of the signal voltage is negative.

12. (Original) A method for driving a liquid crystal display element according to Claim 10 or 11, wherein a group of scan lines are divided into a plurality of blocks, and the plurality of blocks are scanned simultaneously.

13. (Currently Amended) A method for driving a field-sequential liquid crystal display apparatus in which each frame is divided into three fields corresponding to three colors and data are successively displayed within each field, wherein the drive for each color is performed by the method for driving a liquid crystal display element according to Claim 12.

14. (Currently Amended) A liquid crystal display apparatus ~~as defined in Claim 10~~ wherein the comprising a liquid crystal display element ~~of the liquid crystal display apparatus~~ which is driven by the method for driving a liquid crystal display element according to any one of Claims ~~10-12~~ 10 and 11.

15. (Original) A field-sequential liquid crystal color display apparatus in which data corresponding to three colors are successively displayed, wherein the apparatus is driven by the method for a liquid crystal display element according to Claim 13.

16. (Previously Presented) A method for driving a plurality of scan lines of a liquid crystal display apparatus, the method comprising the steps of:

scanning successively odd-numbered scan lines in a first field of a frame for display;

simultaneously resetting even-numbered scan lines in the first field after the odd-numbered scan lines are successively scanned in the first field;

scanning successively the even-numbered scan lines in a second field of the frame for display in an order reverse to the odd-numbered scan lines successively scanned in the first field;
and

simultaneously resetting the odd-numbered scan lines in the second field after the even-numbered scan lines are successively scanned in the second field.

17. (Previously Presented) A method for driving a plurality of scan lines of a liquid crystal display apparatus, the method comprising the steps of:

scanning successively odd-numbered scan lines in a first field of a frame for display;
simultaneously resetting even-numbered scan lines in the first field after the odd-numbered scan lines are successively scanned in the first field;

scanning successively the even-numbered scan lines in the first field of the frame for display in an order reverse to the odd-numbered scan lines successively scanned in the first field;

simultaneously resetting the odd-numbered scan lines in the first field after the even-numbered scan lines are successively scanned in the first field;

scanning successively the odd-numbered scan lines in a second field of the frame for display;

simultaneously resetting the even-numbered scan lines in the second field after the odd-numbered scan lines are successively scanned in the second field;

scanning successively the even-numbered scan lines in the second field of the frame for display in an order reverse to the odd-numbered scan lines successively scanned in the second field;

simultaneously resetting the odd-numbered scan lines in the second field after the even-numbered scan lines are successively scanned in the second field.

18. (Previously Presented) A method for driving a plurality of scan lines of a liquid crystal display apparatus, the method comprising the steps of:

scanning successively odd-numbered scan lines in a first field of a frame for display;

simultaneously resetting even-numbered scan lines in the first field after the odd-numbered scan lines are successively scanned in the first field;

scanning successively the even-numbered scan lines in the first field of the frame for display;

simultaneously resetting the odd-numbered scan lines in the first field after the even-numbered scan lines are successively scanned in the first field;

scanning successively the odd-numbered scan lines in a second field of the frame for display in an order reverse to an order of scanning of the odd-numbered scan lines in the first field;

simultaneously resetting the even-numbered scan lines in the second field after the odd-numbered scan lines are successively scanned in the second field;

scanning successively the even-numbered scan lines in the second field of the frame for display in an order reverse to an order of scanning of the even-numbered scan lines in the first field;

simultaneously resetting the odd-numbered scan lines in the second field after the even-numbered scan lines are successively scanned in the second field.

19. (Previously Presented) A method for driving a plurality of scan lines of a liquid crystal display apparatus, the method comprising the steps of:

scanning successively odd-numbered scan lines in a first field of a frame for display;

simultaneously resetting even-numbered scan lines in the first field after the odd-numbered scan lines are successively scanned in the first field;

scanning successively the even-numbered scan lines in the first field of the frame for display in an order reverse to the odd-numbered scan lines successively scanned in the first field;

simultaneously resetting the odd-numbered scan lines in the first field after the even-numbered scan lines are successively scanned in the first field;

scanning successively the odd-numbered scan lines in a second field of the frame for display in an order reverse to the odd-numbered scan lines successively scanned in the first field;

simultaneously resetting the even-numbered scan lines in the second field after the odd-numbered scan lines are successively scanned in the second field;

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No. 09/256,346

scanning successively the even-numbered scan lines in the second field of the frame for display in an order reverse to the even-numbered scan lines successively scanned in the first field;

simultaneously resetting the odd-numbered scan lines in the second field after the even-numbered scan lines are successively scanned in the second field.